



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai



COIMBATORE-641 035, TAMIL NADU

DEPARTMENT OF MECHANICAL ENGINEERING QUESTION BANK

Faculty Name : **Dr. G. Yuvaraj, AP/Mech** Academic Year : **2024-2025 (Odd)**
Year & Branch : **IV MECH A & B** Semester : **VII**
Course : **19MEE403 - Industrial Digitalization**

UNIT II SMART FACTORY AND PRODUCT LIFE CYCLE MANAGEMENT

PART B			
1	Discuss the features of PLM systems with suitable charts	CO2	App
2	Explain in brief about the smart factory. In addition, draw the schematic structure of smart factory	CO2	Rem
3	Identify the suitable PLM for your design & explain with neat sketch	CO2	App
4	Elaborate with the classification of Product data	CO2	Rem
5	Explain the tools, methods of virtual factory simulation with a block diagram	CO2	Rem
6	Describe with a flow diagram of System architecture of virtual manufacturing	CO2	Ana
7	Enumerate the product information models with features in virtual manufacturing	CO2	Ana
8	Discuss about the scope, tools and advantages in virtual manufacturing	CO2	Ana